BOSS®
AUDIO SYSTEMS

User's Manual

BV9354

Double DIN In-Dash DVD/MP3/CD Receiver with 6.2" Widescreen Touch Screen TFT Monitor

with USB and SD Memory Card Ports and Front Panel AUX Input

RDS COMPATIBLE MODEL

BV9354

In-Dash DVD/MP3/CD Receiver with 6.2" Widescreen Touch Screen TFT Monitor with USB and SD Memory Card Ports and Front Panel AUX Input

BOSS®
AUDIO SYSTEMS

Welcome

Thank you for enjoying our digital car A/V product.
To properly use this product, please go through this instruction manual for installation and operation, put it in a safe place for future use!

WARNING

1. Please keep the disc slot clean, wipe it off when there is some dirty on it, please wipe off the dirty on disk before slot it into the unit. If dirty on disk go into the slot with disc, that will lead unit to slow slot or cannot read disc. In fact ,that is not quality problem. Please ask professional to clean the laser. That will bring you some inconvenience.

2. Playing disc for long time or high volume level will influence the lift of unit. To protect this unit, please work with radio, middle level volume level during long time use.
3. This unit is set up by precision parts. Please do not open the unit or adjust any parts inside unit by yourself.

4. Please do not touch LCD display by hard object to protect in from scratch.

5. TO avoid accident caused by scatterbrain, driver should not operate this unit or watch its screen. If needed, please park the car in a safe place before operation.

6. This unit is for 12V and negative ground system car, please do not connect it directly in 24V truck or bus.

Note: We keep improving this product, if there is any change, forgive us do not announce.

INSTRUCTIONS

17.ACCESSORY

Accessory	Quantity
User Manual	1PC
Wire	1PC
USB Cable	1PC
Remote Controller	1PC
Warranty card	2PCS

16.SPECIFICATIONS

Power supply ---------- DC 12V
Power range ---------- 10.8-16.0V DC
Max operate current ---------- 10A
Install size ---------- 178X153X101MM
Ground system---------- Negative ground
Amp Rating ---------- **80 WattsX4 Channels**

FM tuner

European frequency range---------- 87.5-108MHz
USA frequency range---------- **87.5-107.9MHz**
Signal/Noise ratio ---------- 55dB
Stereo separation---------- 30dB
Search station volt ---------- **20-30dBuv**
Distortion rate---------- 1.5%

AM tuner

European frequency range---------- **522-1620kHz**
USA frequency range---------- **530-1710kHz**
Limit noise sensitivity---------- 32dB

DVD PLAYER

Signal/Noise ratio---------- 70dB
Frequency response---------- 20Hz-20KHz

INSTRUCTIONS

NOTE

● This unit can play the following disc:

MODE	CONTENT	DISK SIZE
DVD	Sound,image	**12CM**
VCD	Sound,image	**12CM**
MP3	Sound only	**12CM**
CD	Sound only	**12CM**

Note: 1. This unit is compatible with MP4/DVD/VCD1.0/2.0/3.0 version, DVD, CD-R, CD-RW, MP3, WMA, JPEG.
2. When play DVD, VCD, MP3, CD disc, display will auto identify the disk and show corresponding word. When 🚫 appear on display, that means no that function, please choose other function. Detailed operation please refer to other related instructions.

●It may lead to accident if you are going to change unit.

●Playing disk during car run on bumpy road will damage laser. Playing substandard disk or damage disk will damage laser.

●The environment of inside car is not good, too much dirty, please clean the laser by laser cleanser timely.

●Do not work under terribly hot or cold environment, please ensure the temperature in car is in -20℃～60℃.

●During operation, if 🚫 appear on LCD, that means unit do not support that function, operation is invalid.

●When unit is showing some abnormal, please refer to TROUBLE SHOOTING in this instruction manual, If you cannot find any solution, please press RESET to resume to initial status.

FEATURES

DVD PLAYER

1.MPEG-4 Decoder Technology
2.Compatible with MP4(AVI/5.X),DVD(DVD-R/DVD-RW),VCD,SVCD,CD-RW, WMA,MP3,JPEG
3.Supporting Multiles Subtitles,Angles,Languages
4.Child lock function
5.4-Channel Audio Output
6.Pause, play, UP/Down, Stop, Zoom, PBC Function

RADIO

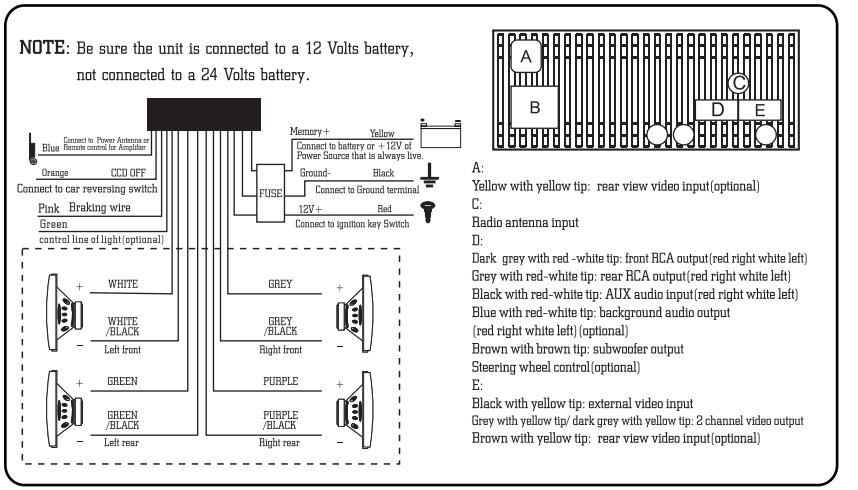
1.AM/FM Radio Tuner
2.30 Radio Preset Stations (18FM, 12AM)

INSTRUCTIONS

15.WIRING DIAGRAM

This player is equipped with ISO standard connector, please follow below instruction:

- Red - ACC ON (+12V)
- Yellow – 12 V Constant
- Black – Ground wire
- Blue - Power Antenna / Remote Amp Turn On
- Orange – Back-Up Camera Trigger (+)
- Grey/Grey black - Right front speaker (+/-)
- White/White black - Left front speaker (+-)
- Purple/Purple black - Right rear speaker (+/-)
- Green/Green black - Left rear speaker (+/-)
- Pink – Parking Brake (-)



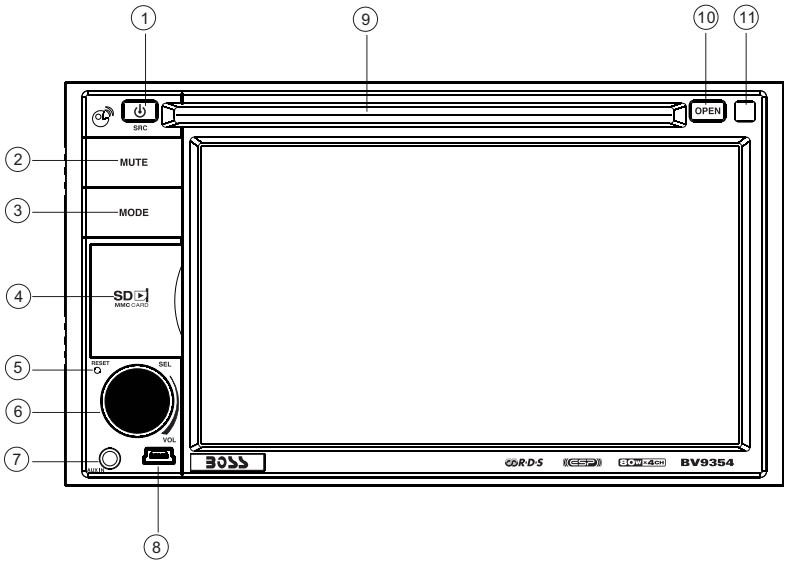
Note:

The "PARKING BRAKE" wire must be connected to the parking brake system of your car. When the parking brake is engages, the LCD will be allowed to view your video. If not, the screen will produce an image saying, "PARKING BRAKE". This is a safety feature designed for the driver not to watch a video while driving. The video output on this unit will not be affected by this.

14.TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Can not power on	Check whether power fuse melt or not	Change fuse same as the old one
	Some factor cause MPU wrong operation	Press RESET button on the panel by pen point, then, power on
After ignition switch off, setting information all lose	Wrong connection between ignition line ACC and power line anode pole BAIT	Reconnect line
Remote control no function	No enough power supply from battery	Change battery of remote control
Poor performance of radio station	Improper set of length of antenna, poor connection of antenna grounding	Check whether antenna is connected or not, or poor connection
Can not load disc	There is a disk inside	Eject disk ,then, slot in new disk.
Can not play disc	Disc is scratched	Change new disc
	Put wrong side of disc into unit	Slot in the disk with sign side up
	Lens has dirty	Clean lens by lens clean disc
Can not switch language/subtitle	There is only one language/ subtitle in disc	If disk is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Video line between unit and TV is not properly connected	Reconnect lines

1. Front Panel Function Instruction



1.SRC Button
2.MUTE/TFT on/off Button
3.MODE Button
4.SD Slot
5.RESET Button
6.SEL/VOL Button
7.AUX IN
8.USB Slot
9.Disk Load Slot
10.OPEN Button
11.Remote Control Receiver

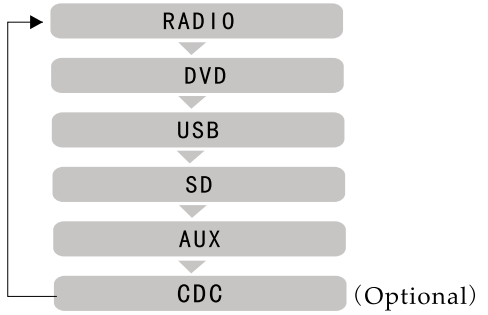
2.BASIC FUNCTION

1.SRC Button
Press this button shortly to power on, press this button longer to power off.
In normal situation, press SOURCE button can return to the main menu.

2.MUTE/TFT on/off Button
Press this button to shut off sound output, repress this button to resume sound output;
Press this button longer to turn on /off TFT LCD display.

3.MODE Button
When the unit is power on . Repeat press this button can switch to different function mode as following picture

Note:When the device without connecting to USB.SD,CDC or DVD no disc inside ,the system will automatically skip these related working mode.



4.SD Slot
This is a high-spees transmission interface, which can read high-capacity date in MP3 or MP4 format.

5.RESET Button
Press this button and this unit will be restored to the initial state.

6.SEL/VOL Button
Turn this button can adjust the volume,Press this button can adjust the mode according to personal likes.

INSTRUCTIONS

13.OTHER PLAY MODE

AUX IN OPERATION

1) Press “Source” button on remote control or touch “AUX” on the touch screen, switch to AUX mode.
2) Make video input plug connect to AUX video input outlet, audio input connect to AUX audio input outlet.
3)This unit only supply 1pcs video input & 1 pair audio input.

CCD (Car backsight function)

1) If there is a car back
camera on your car, please connect car back control line “BACK” to your car camera control terminal, and connect video input line to the video output terminal of your car camera.
2) When car is back, the unit will auto switch to CCD mode, and there is a “ ” appeared on the screen.
3) You can set CCD image according to your car's own position in general setting mode.

12. MP3/USB/SD OPERATION

1. Insert SD card or USB, MP3 disc; click the name of the song directly to select the song you want to broadcast. If there are pictures or video document in the disc or SD card, you can select the relative icon to broadcast.

2. Playback MP4 files,the touch screen into the MP4 format,you can click directly Or through remote control and touch button to choose the direction you need MP4 repertoire.

3. This interface of DVD touch function will display if you click on KEY
(Please refer to the instruction of DVD touch function)
NOTE: By a remote control □/↰ stop button to return to the playback screen.

1. Pause play
In playing mode, press ⏯ button on remote control, or ⏯ touch button on display to pause. Press again to back to normal play.

2. Previous / next song play
In playing mode, press SEEK + / SEEK - on remote control, or ⏭/⏮ touch button on display to choose previous/next song.

3. Speed forward / backward play
Press SEEK + / SEEK - button on remote control, or ▶▶/◀◀ touch button on display to speed forward or backward playing.

4. Repeatedly play
In CD mode, press AMS/RPT button on remote control, to startup following, repeat
Mp3 disc: Single song repeat→Directoryrepeat → Repeat play off.

INSTRUCTIONS

7. A/V AUX External Input
External connection for A/V input.

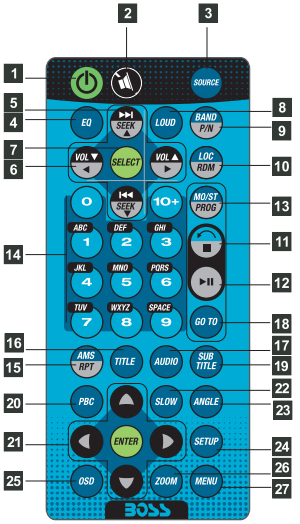
8.USB Slot
Connect the USB memory to this socket, and the unit can play music format files supported by this unit in the USB memory.

9.Disk Load Slot
Opening for disks to enter or retreat.

10.OPEN Button
Press this button can eject the disc

11.Remote Control Receiver
It is able of receiving infrared signals launched by the remote control matching the unit.

3. REMOTE CONTROL FUNCTION



1 POWER ON/OFF
2 MUTE
3 SOURCE
4 EQ
5 SEEK+/SEEK-
6 VOL+/VOL-
7 SEL
8 LOUD
9 BAND/ P/N
10 LOC / RDM
11 STOP
12 PLAY/PAUSE
13 ST/PROG
14 0-10+
15 AMS/RPT
16 TITLE
17 AUDIO
18 SET PLAYING TIME
19 SUBTITLE
20 PBC/MENU
21 UP/DOWN/L/R ENTER
22 SLOW
23 ANGLE
24 SET UP
25 OSD
26 ZOOM
27 MENU

1. POWER
Press once to switch on, press again to switch off.

2. MUTE Button
Press once to turn off audio output, press again to resume volume level.

3. SOURCE Button
Press this button to choose audio sources.

4. EQ Button
Press this button to choose POP, ROCK, CLASS, EQ off.

5. SEEK + (⏭) / SEEK - (⏮) Button
Press this button to manual turning, speed or quick back, previous song and next song.

6. VOL + (→) / VOL - (←)
Press this button to increase or decrease volume level.

7. SEL Button
Press this button to choose sound feature.

8. LOUD Button
Press this button to startup LOUD function.

9. BAND - P/N Button
In radio mode, press this button to choose band. In VCD, DVD mode, press this button to choose AUTO, PAL or NTSC system.

10. LOC/RDM Button
In radio mode, press this button to switch between local and direction. In VCD, CD mode, press this key to randomly play.

11. STOP Button
Press this button to stop playing.

12. PLAY/PAUSE Button
Press this button to switch between play and pause. In stop mode, press this button to play.

13. ST/ PROG Button
In radio mode, press this button to choose stereo or mono station. In audio mode, it can help STOP button to programmed play.

INSTRUCTIONS

10. CD program play
In CD mode, you can set the sequence of playing by the program function, the operation is as follow:
When CD is playing, press ST/PROG button, then the display shows:

PROG			
TC	TC	TC	TC
1 _ _ : _ _	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 _ _ : _ _	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

Input the NO. of the song you want to program by the remote control, program the first song, input your desired song, for example, the sixth song, and press number button 6 on the remote control. Program the second song, press ▼ button move the cursor to 2[_ _]. Input your desired song, for example, the ninth song, press number button 9 on the remote control. Press ⏯ button to program play.
Back to the normal mode, press the ST/PROG button , then press ⏯ button,
Note: This function can only be worked by the remote control.

11. CD BASIC OPERATION

Slot in CD disc unit will play it automatically. If disc is in slot, press DVD touch button on main menu can to play.

1. Repeatedly play
In CD mode, press AMS/RPT button on remote control, to startup following, repeat CD disc: Single song repeat→ Repeat play off.

2. Speed forward / backward play
Press SEEK + / SEEK - button on remote control, or ▶▶ /◀◀ touch button on display to speed forward or backward playing.
Note: Hold above button a bit longer to operate.

3. Previous / next song play
In playing mode, press SEEK + / SEEK - on remote control, or ▶▶| / |◀◀ touch button on display to choose previous/next song.

4. Pause play
In playing mode, press ▶II button on remote control, or ▶II touchbutton on display to pause. Press again to back to normal play.

5. Stop play
In playing mode, 1) Press ■/› button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ▶II button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/› button on remote control twice to enter into stop mode, here, press ▶II button on remote control or touch button on display, unit will play from the first song.

6. OSD
In playing mode, short press OSD on remote control to show all information of present disk.

7. Randomly play
In CD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.

8. EQ mode
1) This function can only be worked by remote control.
2) When playing CD, press the " EQ " button on the remote control, you can choose the sound mode.

9. OPEN
Press OPEN button on panel to eject disc.

14. 0 - 10 + Button
Press this button to choose desired song, section, preset stations.
* Decimal numbers, for example the 19th song, press 1,9 button;
* Centesimal numbers, for example, the 120th song, press 1,2,0 button.

15. AMS / RPT Button
In radio mode, press this button to browse stored stations. In audio mode, press this button to play repeatedly.

16. TITLE Button
In DVD mode, press this button to play back to the top menu of disc.

17. AUDIO Button
In DVD mode, press this button to switch language of dialogue. In VCD mode, press this button to choose left track, right track, and stereo.

18. SET Playing Time
In DVD mode, press this button, you can define playing time.

19. SUBTITLE Button
In DVD mode, press this button to switch language of subtitle.

20. PBC Button
In VCD mode, press this button to display all song menus, work with number button to choose songs.

21. UP, DOWN, LEFT, RIGHT, ENTER Button
In DVD mode, press this button to move cursor up, down, left, right to choose item in menu. Press the enter button to confirm choice.

22. SLOW Button
In audio mode, press this button to slow backward and slow forward.

23. ANGLE Button
In DVD mode, press this button to change play angle.

24. SETUP Button
In audio mode, press this button to choose different set items.

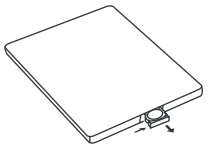
25. OSD Display
Press this button to display the title chapter and the left time.

26. ZOOM Button
In DVD/VCD mode, press this button to ZOOM in.

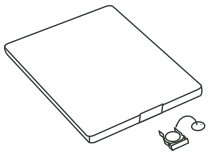
27. MENU Button
Press button to back to the main menu.

BATTERY CHANGE
When control distance of remote control becomes shorter or no function, please change battery. Please confirm polarity before change.

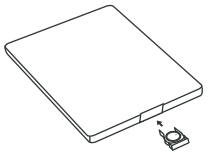
One hand press stopper, then pull out battery.



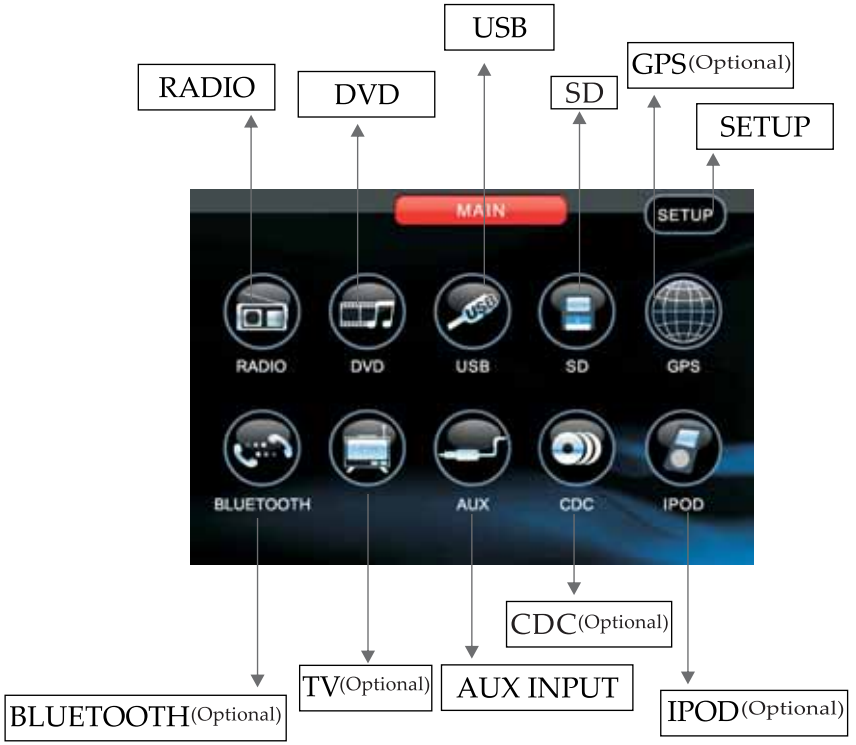
Put battery into controller.



Insert battery holder into controller.



4. MAIN MENU TOUCH OPERATION



✦ **Notice:** When there is no disc, USB, SD, ipod, there is a tip sound when you click those functions .

INSTRUCTIONS

15. VCD program playing

In VCD mode, you can set playing sequence of songs by program play function. The program playing operation steps are as follows:

In VCD mode, press ST/PROG button, display will show;

PROG			
TC	TC	TC	TC
1 _ _ : _ _	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 _ _ : _ _	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

Input the songs which you want to programmed by the number buttons on remote control. For example: Program the first song, input your desires song, for example, the fourth song, and press number button 4 on the remote control. Program the second song, press ▼ button move the cursor to 2 __–– . Input your desired song, for example, the eighth song, press number button 8 on the remote control. Press ⏯ button to program play. Back to the normal mode, press the ST/PROG button, then press ⏯ button.

Note: This function can only be worked by the remote control.

8. OSD

In playing mode, short press OSD on remote control to show all information of present disc.

9.Number button

In VCD mode, press 0-9 number button to input song. For example, you want to choose 13th song, press 10+ button, and then press 3 button once to play 13th song.

Note: This function can only be worked by the remote control.

10. Repeatedly play

In playing mode, press AMS/RPT button on remote control, to startup following, repeat function. Single song repeat→ Repeat play off.

Note:

1) When playing VCD disc, if PBC is on, no repeat function.
2) After unit is power off or mode is switched to other playing mode except VCD mode, if you switch back to VCD mode, repeat playing will be cancelled.

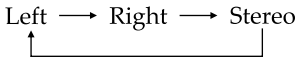
11. Randomly play

In VCD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.

Note: When playing VCD disk, if PBC is on, RDM will not work .

12.Switch Track

In VCD mode, press AUDIO button on remote control to switch track as following sequence:



13. OPEN

Press OPEN button on panel to eject disc.

14. PBC (MENU) play

In VCD mode, press this button then play the PBC and display will show whole menu in disk, work with number button to choose song. When you are playing either song of the PBC, and you want to stop to select another song, press the button to turn off.

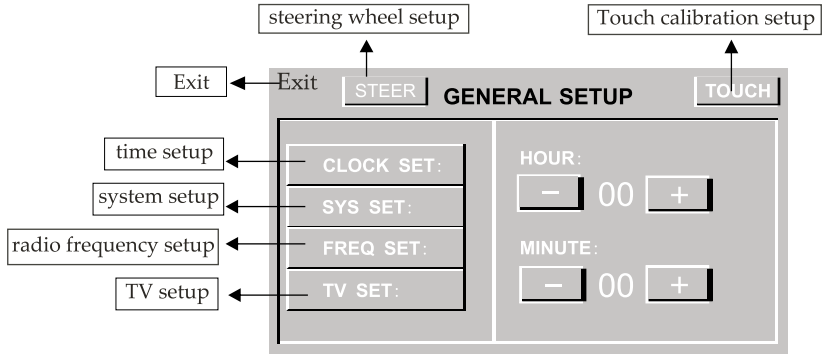
Note:

1) This function can be worked by the remote control
2) PBC is suitable for the SVCD and VCD 2.0 disc.
3) In PBC mode, you can not press number button only to choose song.

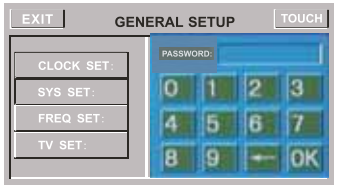
INSTRUCTIONS

OSD SETUP

In the main interface, touch SETUP Into following interface.



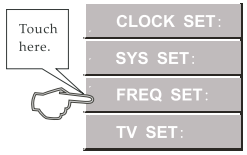
Touchcalibration:



System Setup:click this button,then input password"888888".Click"OK"into systemsetup, press relevant button to choose on/off.Press "OK" button to confirm.

Touch the center of"+" to calibrate when the position misgrated.

Radio frequency setting



According to differ ent area to choose frequency, pls as blew pic:

Europe	AUSTR
USA1	USA2
Japan	RUSSIA

TIME DISPLAY AND ADJUST

Time display: Touch main menu into adjust mode, and press time setup button, then the corresponding function will be display in yellow words.

(1)Press "+" on hour setup to add hour, press "-" to reduce hour;

(2)Press "+" on minute setup to add minute, press "-" to reduce minute.

NOTE: Touch the correspondence function, it will be showed in green background.

The unit include two times system: Europe time (24 hour setup), America time (12 hour setup), It indicate morning time while show the AM wark, and it indicates afternoon time while show the PM mark.

Learn steering wheel control operation as follows

1.pls connect the positive pole/negative pole from origin steering wheel control wire rightly to our unit,power on that unit to that menu as above picture showing,click the setup button.

2.after enter into the setup,click "steering wheel" button like as picture show.

3.enter into steering wheel control setup manu.

4.make a note for origin car steering wheel control function.

10. VCD BASIC OPERATION

Slot in VCD disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu can to play.

1. Pause play
In playing mode, press ⏯ button on remote control, or ⏯ touchbutton on display to pause. Press again to back to normal play.

2. Stop play
In playing mode, 1) Press ■/› button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ⏯ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/› button on remote control twice to enter into stop mode, here, press ⏯ button on remote control or touch button on display, unit will play from the first song.

3. Speed forward / backward play
In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous / next song play
In playing mode, press SEEK + / SEEK - on remote control, or ⏭ /⏮ touch button on display to choose previous/next song.

5. Switch system
In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
Note: This function can only be worked by the remote control.

6. Slow play
Press SLOW button on remote control to slow play. The level of slow playing is as follows. Sequence is :

SLOW 1/2 → SLOW 1/3 → SLOW 1/4 → SLOW 1/5
↑ ↓
PLAY ← SLOW 1/7 ← SLOW 1/6 ←

Note: This function can only be worked by the remote control.

7. Zoom in / Zoom out
Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows:

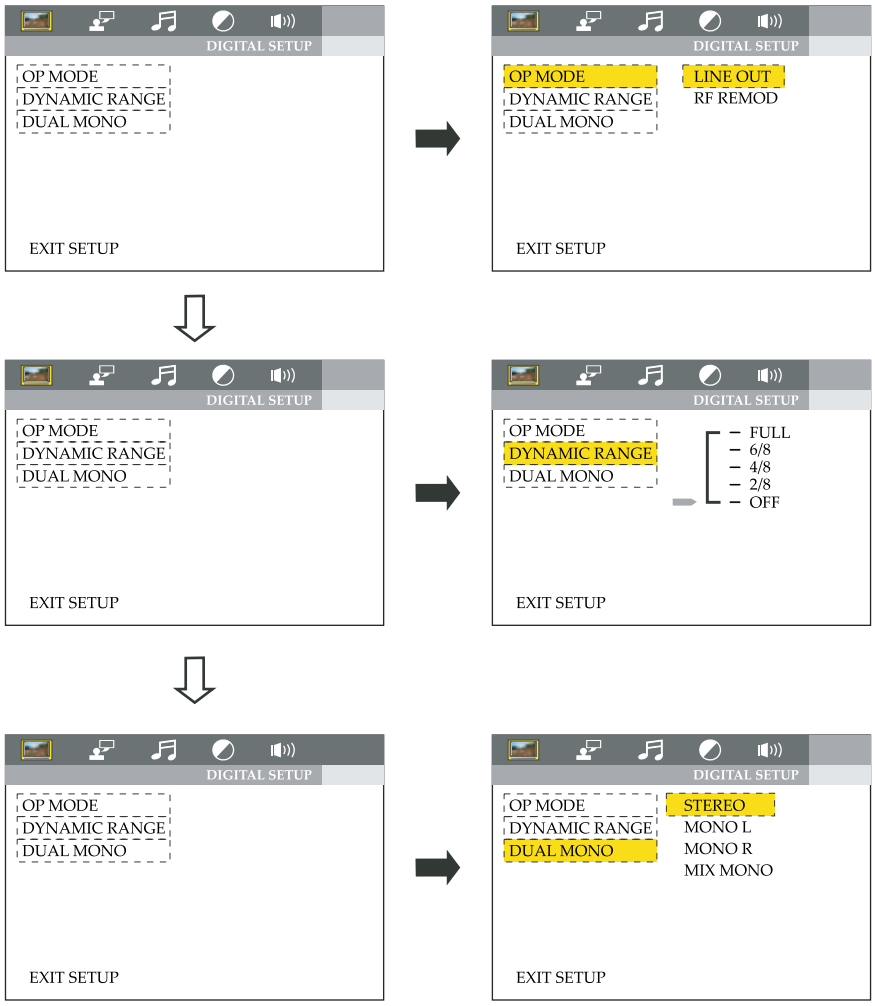
ZOOM IN 2 → ZOOM IN 3 → ZOOM IN 4 → ZOOM IN 1/2
↑ ↓
ZOOM IN OFF ← ZOOM IN 1/4 ← ZOOM IN 1/3 ←

Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

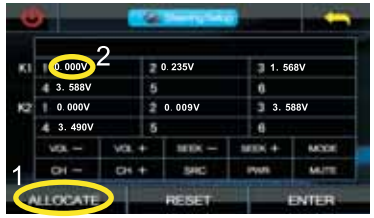
DIGITAL SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◀/▶ button, then to enter.

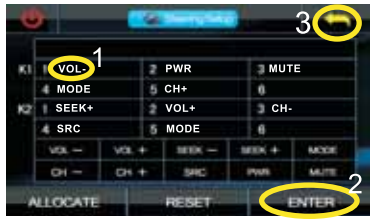


INSTRUCTIONS



5.(1)press the button step by step on car steering wheel control and write it down,then click "allocate" button on our unit like as picture show

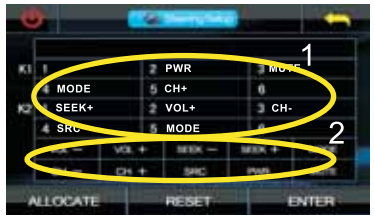
(2) click number"1" to choose that function according to car origin steering wheel control function



6.(1)as pircture indicated,click "voice" in the screen(position 1), then choose the same word in the choose screen.

(2) click the " confirm " button in the screen, then finish the setup.

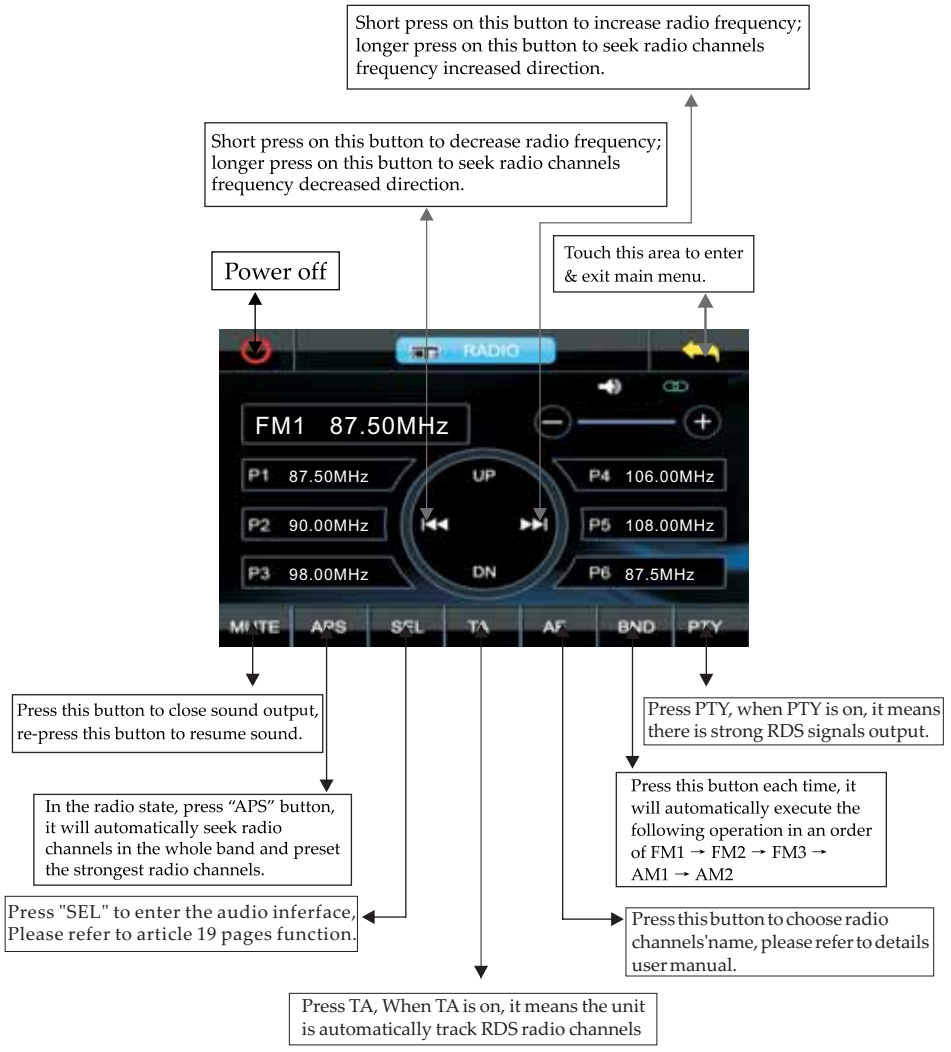
(3) like picture show, click " confirm " button in order to keep save, click "3" to return

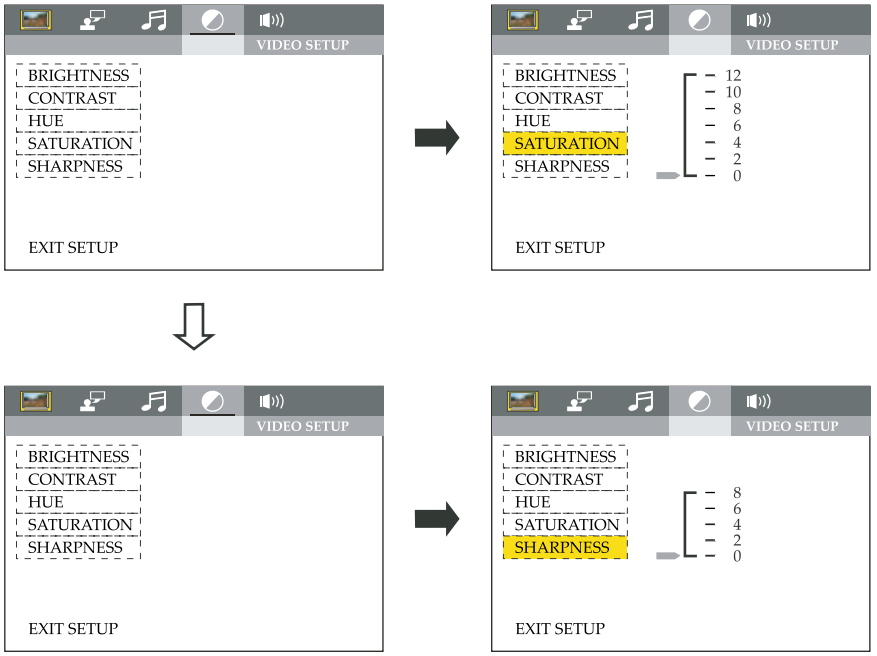


7.like picture shows, click position 1 to choose what function button you revise , click position 2 to make revise to them.

8.click area 1 to delete all steering wheel control , and reset all steering control function under re-do the above mentioned

5.RDS USER OPERATION

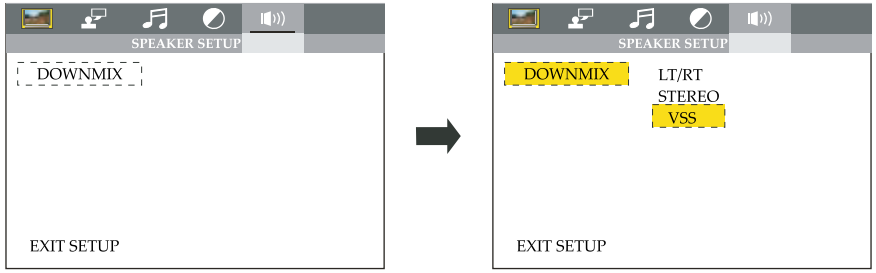

Short press on this button to increase radio frequency; longer press on this button to seek radio channels frequency increased direction.
Short press on this button to decrease radio frequency; longer press on this button to seek radio channels frequency decreased direction.
Power off
Touch this area to enter & exit main menu.
RADIO
FM1 87.50MHz
P1 87.50MHz
P2 90.00MHz
P3 98.00MHz
UP
DN
P4 106.00MHz
P5 108.00MHz
P6 87.5MHz
MUTE
APS
SEL
TA
AF
BND
PTY
Press this button to close sound output, re-press this button to resume sound.
In the radio state, press "APS" button, it will automatically seek radio channels in the whole band and preset the strongest radio channels.
Press "SEL" to enter the audio inferface, Please refer to article 19 pages function.
Press TA, When TA is on, it means the unit is automatically track RDS radio channels
Press this button to choose radio channels'name, please refer to details user manual.
Press this button each time, it will automatically execute the following operation in an order of FM1 → FM2 → FM3 → AM1 → AM2
Press PTY, when PTY is on, it means there is strong RDS signals output.



SPEAKER SETUP

1. Press ▲ or ▼ button

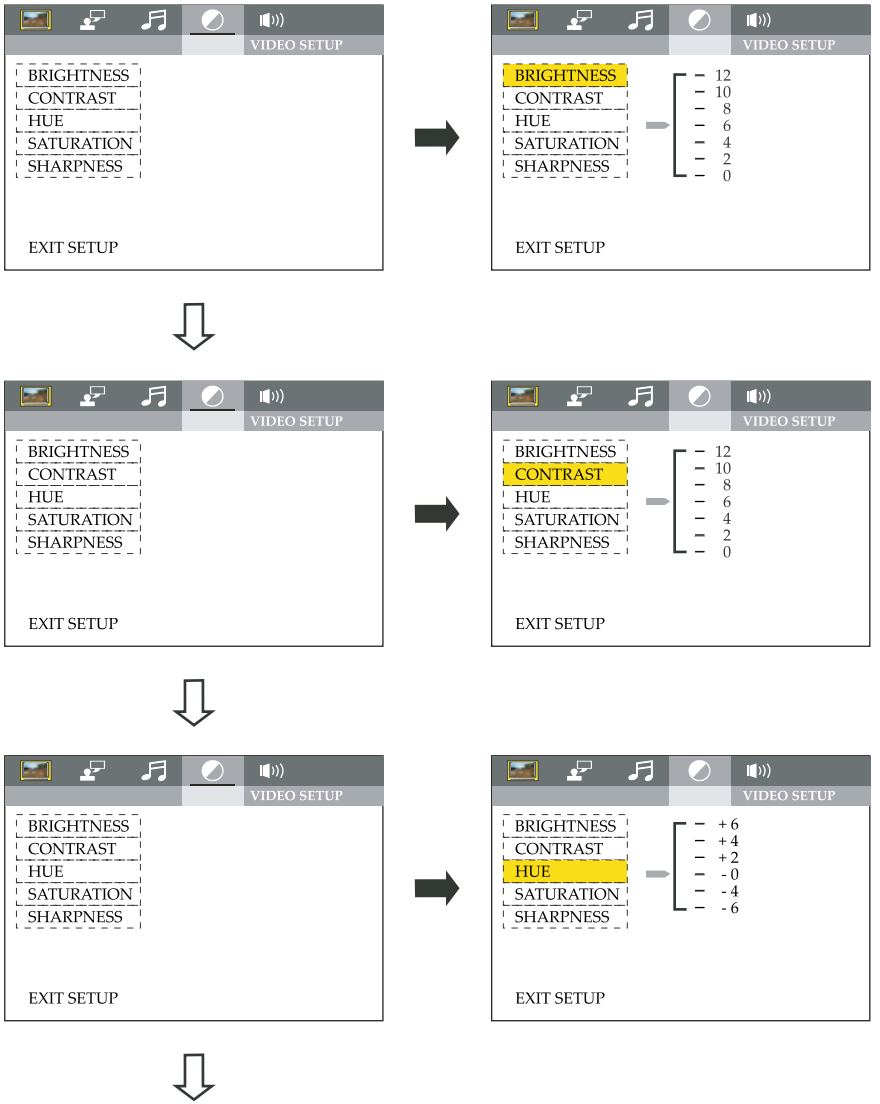
2. Press ▲/▼/◀/▶ button, then to enter.



VIDEO SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◀/▶ button, then to enter.



INSTRUCTIONS

6. RADIO OPERATION

1. Band selection

In radio mode, press BAND button, BAND/P/N button on remote control, or touch position of switch bank position every time to choose band, the sequence is as follows:

FM1 → FM2 → FM3
↑ ↓
AM2 ← AM1 ←

2. Adjust frequency

Manually adjust frequency:

Press SEEK + button on remote control, or ⏭ touch button on display shortly every time, frequency will increase one step by one step till you get desired frequency. Press SEEK - button on remote control, or ⏮ touch button on display shortly every time, frequency will decrease on step by step till you get desired frequency.

Search station:

Press SEEK + / SEEK - button on remote control, or ⏭ / ⏮ touch button on display Longer every time to search station in up/down direction. When get one station, it will auto stop searching.

3. Browse / Auto search and store station

1)In radio mode, press AMS/RPT button on remote control, or APS button on display shortly to browse preset station on 1-6;

2)In radio mode, press AMS/RPT button on remote control, or APS button on display longer to auto search in whole band from present frequency and store 6 most strong frequency on 1-6;

3)This unit has FM1, FM2, FM3, AM1, AM2 band, Each band can preset 6 stations, total 30preset stations.

Note: After preset station, unit will cancel the former preset stations.

4. Mono/Stereo Selection

In radio mode, press ST/PROG button on remote control or ST touch position on display to choose mono/stereo program.

Note: In radio mode, start up the stereo function automatic, touch the ST button again on the display, the TFT display will show the ST OFF & MONO mark, that is to turn off the stereo. When the right under foot appear the MONO mark, it show the MONO on.

5. Manual preset and store station

In radio mode, press 1-6 button on remote control, or 1-6 position on display longer to store preset frequency into preset channel. For example, the present frequency is 89.8MHz, press 2 button longer, then 89.8MHz frequency is stored in 2 channel.

RDS

1. EON (RDS Mark)
Indicate main unit is on auto tracking RDS mode.
2. AF (RDS Auto Tracking Mark)
Indicate radio is auto tracking RDS channel.
3. TA (RDS Signal Increasing Output)
Indicate RDS channel have signal increasing output.
4. TP (RDS Channel Stereo Mark)
Indicate RDS channel is on stereo playing mode.
5. POP.M (RDS Channel Mark)
Indicate RDS channel name.

I. RDS Tracking System
Press AF button in FM mode, and then press ⏮/⏭ last 2 seconds, RDS will auto search channel up and down, it will stop searching when RDS channel be founded, but "AF" will keep remaining on the screen and waits for the next traffic emergency report.
II. RDS Tracking on Playing Mode
In playing mode, "AF" tracking system keeps on opening and waits for traffic emergency report.

1)PTY: RDS button, press once will show music mode POP, press 1-6 function memory button, every group have 2 channel.
POP M ROCK M EASY M
LIGHT M CLASSICS M OTHER M
JAZZ COUNTRY NATION

2)Press PTY button twice and then press 1-6 function memory button, every button have 3 channel.
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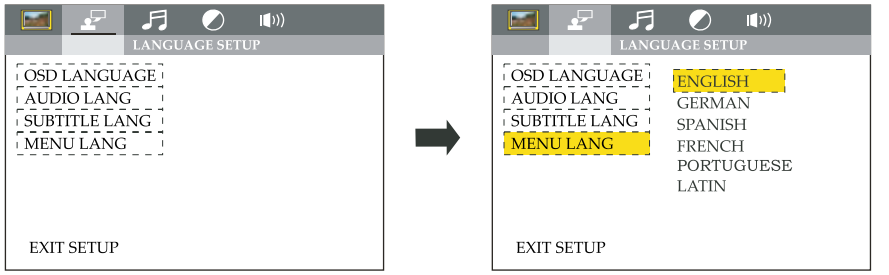
CHILDREN SOCIETT TELIGION PHONING
TRAVEL

Note: RDS channel in broken line is available.
AF: RDS auto search button, in radio mode also can press this button shortly auto tracking RDS channel, press this button shortly can cancel RDS function.
TA: In RDS mode, press this button can output TA signal, and check RDS channel is exist or not, if no RDS signal TFT will show "NO. TA. TP".

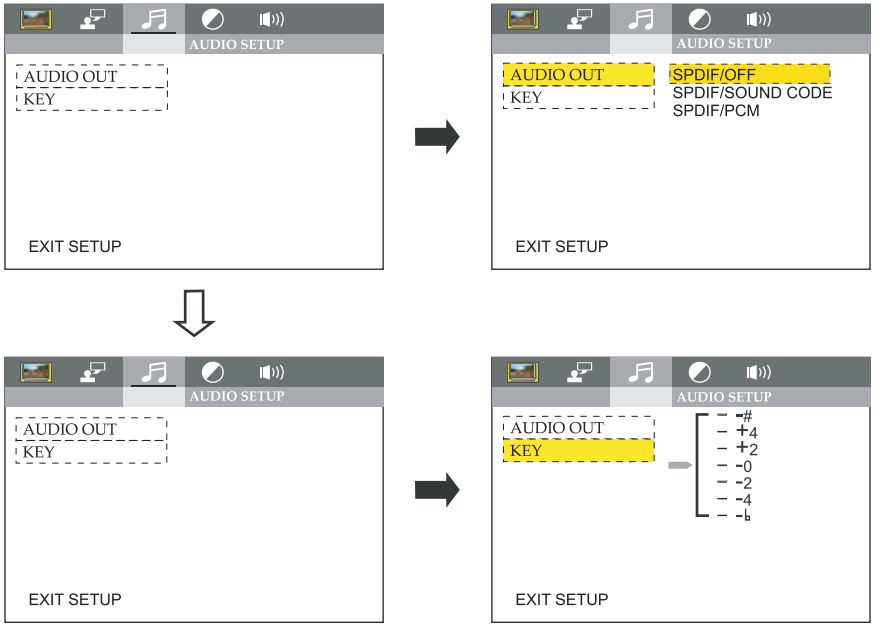
INSTRUCTIONS



AUDIO SETUP

1. Press ▲ or ▼ button

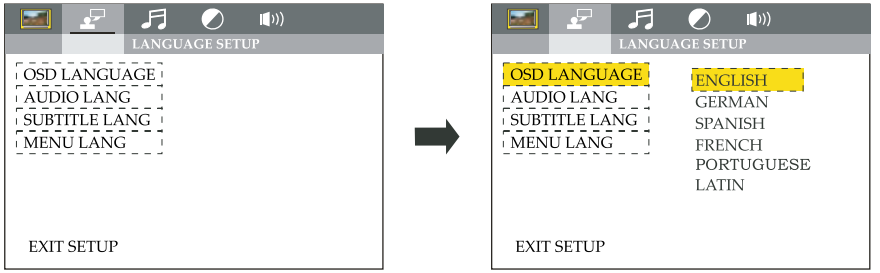
2. Press ▲ / ▼/ ◀ / ▶button, then to enter.

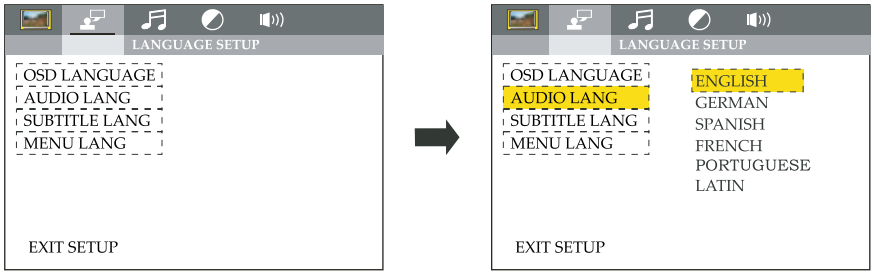


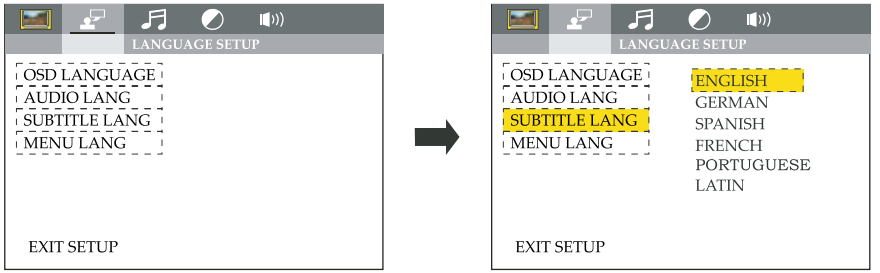
LANGUAGE SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◀/▶ button, then to enter.

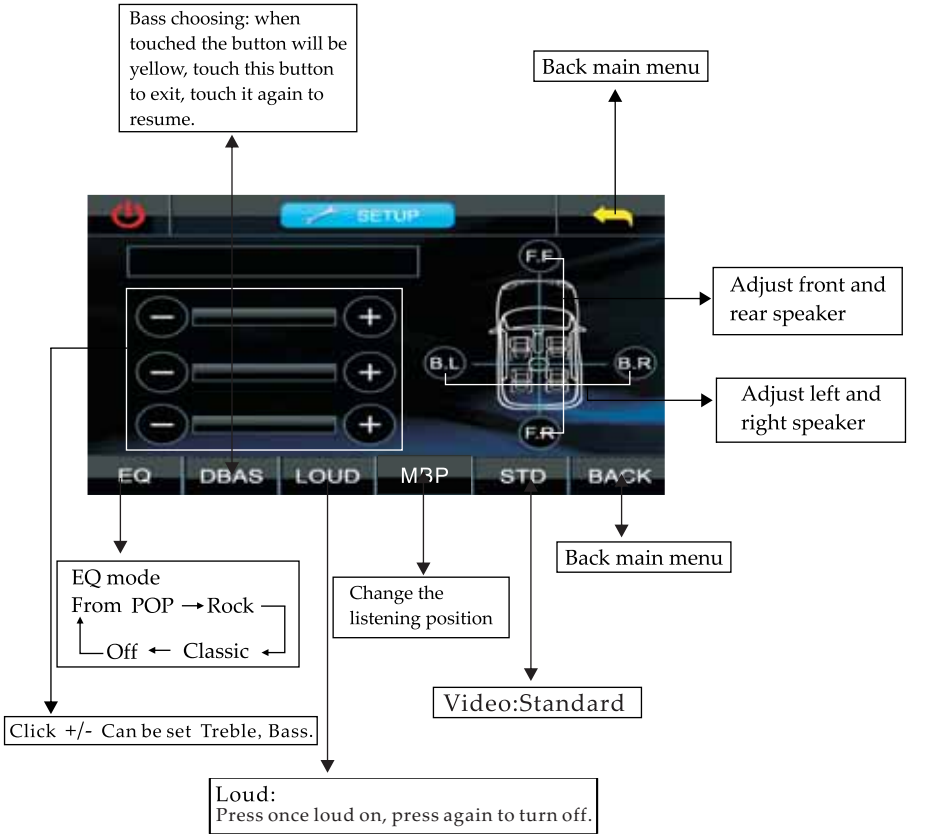






7. AUDIO

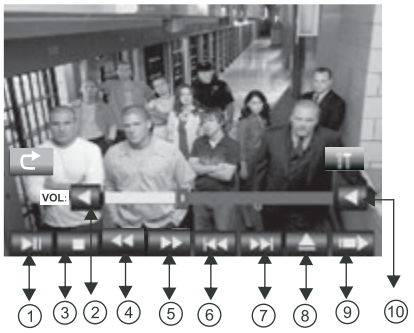
Press "version set up " to entry the interfaces as below:

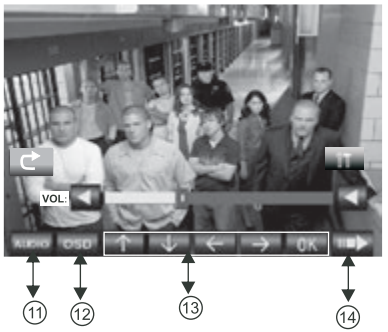


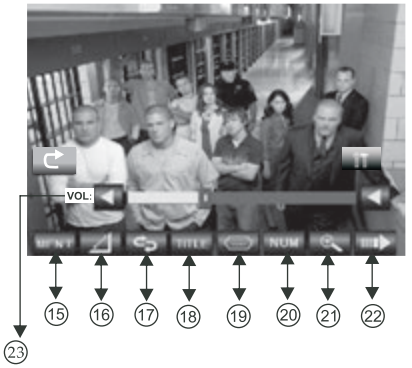
8. DISC PLAY TOUCH OPERATION

When playing disc, touch any position of the screen, it will display the function menu; touch the menu and the operation of relative function will display.

Note: When loading a disc, touch screen function can not be used.

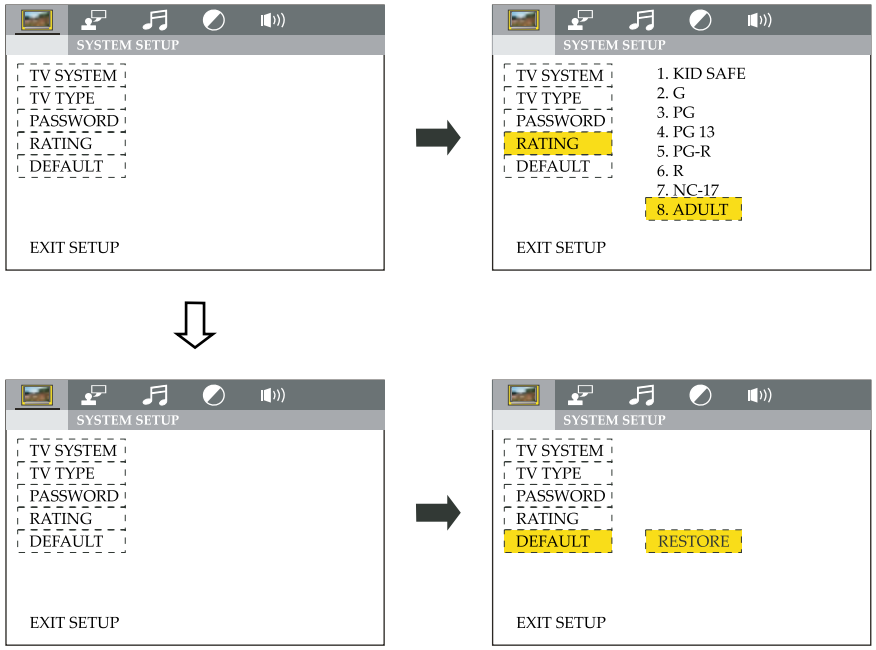






1. Click to choose play/pause
2. Click to reduce the volume
3. Click to stop playing
4. Click to choose the speed of quick back
5. Click to choose the speed speeding play
6. Click to leap backwards to play
7. Click to leap upwards to play
8. Click to exit
9. Click to enter the next page to setup the menu
10. Click to increase the volume
11. Audio
12. Click to display title, chapter, the time already played, the time left
13. At MP3 mode, press this button so you can move the cursor to left/right / up/down and select the songs which in the system menu. then press "OK" button to enter.
14. Click to enter next page set up menu
15. In DVD mode, touch this button to return the directory menu.
16. Click this button to switch to different angles of playing picture in the disc.
17. Repeat play
    DVD: Title Repeat → Chapter Repeat → Repeat play off
    VCD: Single song repeat → Full disc repeat → Repeat play off
    MP3: Single song repeat → Directory repeat → Repeat play off
18. Click on this button to enter title menu
19. Click this button to choose language,
20. click this button and the screen will display 0-10 button.
21. Click this button to ZOOM in/ZOOM out the picture.
22. Click to enter the menu of operation for touching.

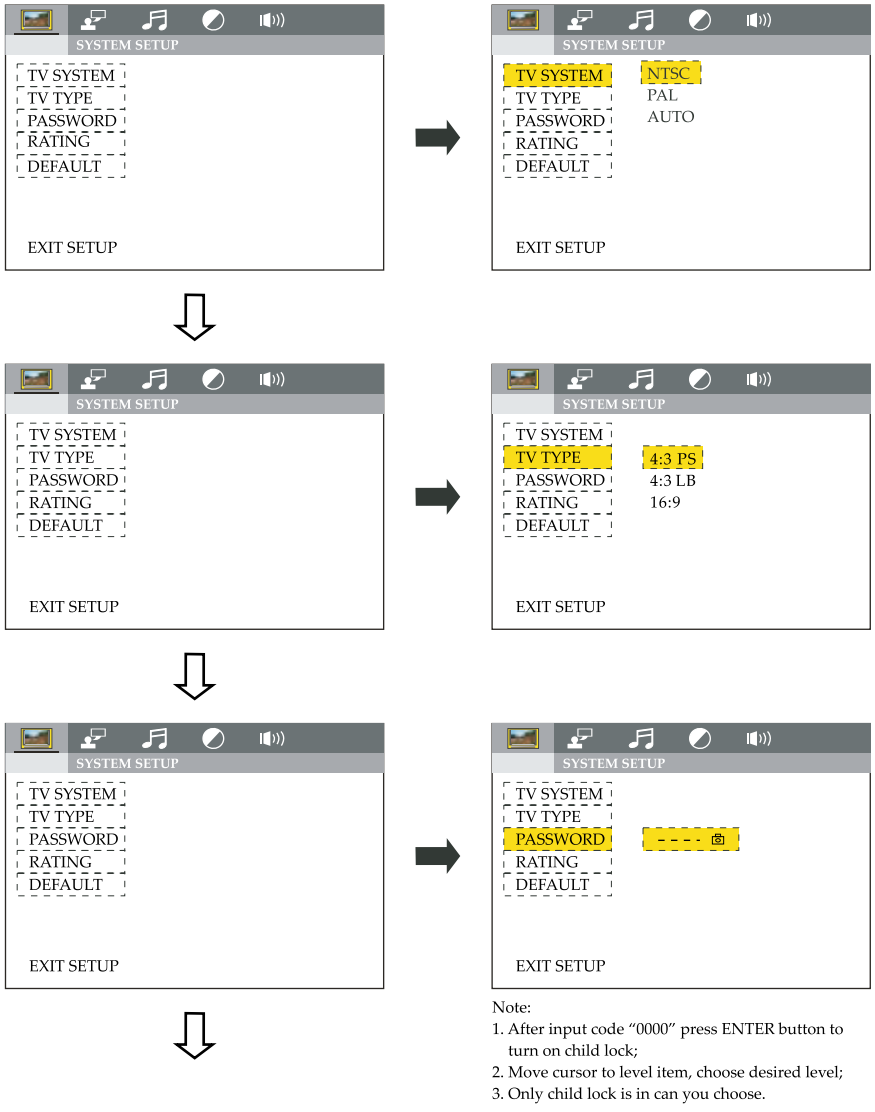
INSTRUCTIONS



SYSTEM SETUP

1. Press ▲ or ▼ button

2. Press ▲ / ▼ / ◀ / ▶ button, then to enter.



Note:
1. After input code "0000" press ENTER button to turn on child lock;
2. Move cursor to level item, choose desired level;
3. Only child lock is in can you choose.

23. Click this to choose mode as below:
VOL→BASS→TRE→BAL→FAD, after your desired mode is selected, touch VOL+/VOL- to adjust the volume.

24. Click to select your desired song or chapter

25. Return to the menu one level

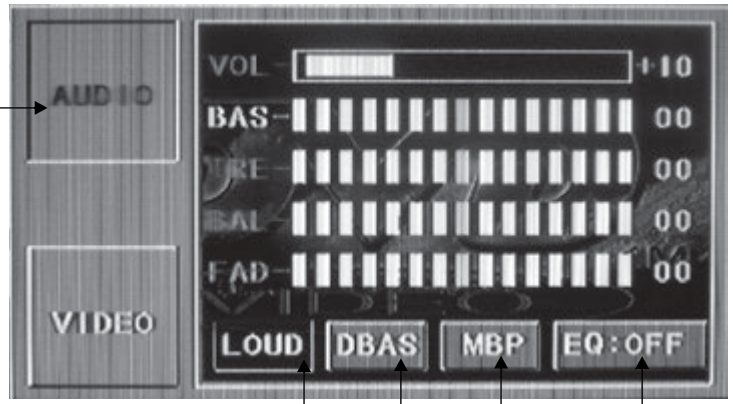
Note:

1. When playing VCD, if PBC FUNCITION is on, repeat play is not available.
2. PBC is only suitable for VCD.
3. For VCD disc with play memory, you can use the PBC function;
4. Press PBC in the remote control, Play/Off PBC, press one time to play from the first song;
5. When PBC is on, you can choose speed forward or backward, leap forward or backward, but repeat play is not available.
6. When PBC is on, choose casual play, scan play or search play, PBC function will close automatically.

DVD MODE

✦ In DVD interface, touch setup" "button into the audio/video setup interface as following.

AUDIO SETTING ON TOUCH SCREEN



Audio selection:
VOL → BAS → TRE → BAL → FAD
When using this function, the position bar will be highlighted.

EQ mode: Touch the button to change settings:
POP → ROCK → CLASSIC → OFF

Change the listening position

Bass choosing: when touched the button will be yellow, touch this button to exit, touch it again to resume.

Loud choosing: this function is defined open, when it is touched at the first time, the loud function will be closed, at the same time, yellow light disappear.

14. MENU select
In playing mode, press PBC button on remote control to back to the menu, display will show chapter and section in disc. Work with ▲/▼ button on remote control or touch button on display to choose your desired song. Press ⏯ button / ENTER button to play.
Note: This function can only be worked by the remote control.
OPEN: Press OPEN button on panel to eject disc.

15. Program play
In DVD mode, you can set the sequence of playing by the program function, the operation is as follow:

PROG TC	TC	TC	TC
1 [0 1]:[0 3]	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 [0 1]:[0 6]	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

When DVD is playing, press ST / PROG button, then display shows:
For example, program the first song, input 01, press ► button move the cursor to the second lattice, input desired song, for example, the third song. Program the second song, press ▼button, move the cursor to 2 [_ _]_ _. input 01, press ►button move the cursor to the second lattice, input desired song, for example, the 6th song (press 6). Press ⏯ button to program play. Back to the normal mode, press the ST/PROG button, then press ⏯ button.
Note: This function can only be worked by the remote control.

16. Digital album
Play the disc contains JPEG pictures, read the picture menu first.
1. Press ⏯ button on remote control, the pictures will be browsed automatically.
2. Press ENTER button on the remote control, it can be manual browsed by SEEK + and SEEK -.
3. ZOOM in picture function: During auto browsing, press pause button stop the screen, press ZOOM button to zoom in or zoom out the picture. During manual browsing, you can press ZOOM button to zoom in or zoom out picture directly.
4.Under zoom in picture, you can move the picture by ◄▲► ▼ .
Note: You can not move picture in normal mode and zoom out mode.

17. Setup
Press SET UP button, display will show the system set up menu and the submenu, select the item you want by ◄▲► ▼ , after selecting the proper item, press ▲/▼/◄/► to press ENTER to confirm.
Note:
1. It just can be worked by the remote control.
2. Some function setting maybe different because of the different model or disc.
3. If the selected language is not recorded in the disc, then unit will show the appointed language,
4. About the "SETUP", please read the follow.
Press "SETUP" on the remote control, it will appear the following touch menu:

8. OSD
In playing mode, short press OSD on remote control to show all information of present disc.

9. Repeatedly play
In play mode, press AMS/RPT button on remote control to start up follow repeat function.

Repeat (chapter) → Repeat (section) → Repeat (off) → Repeat (chapter)

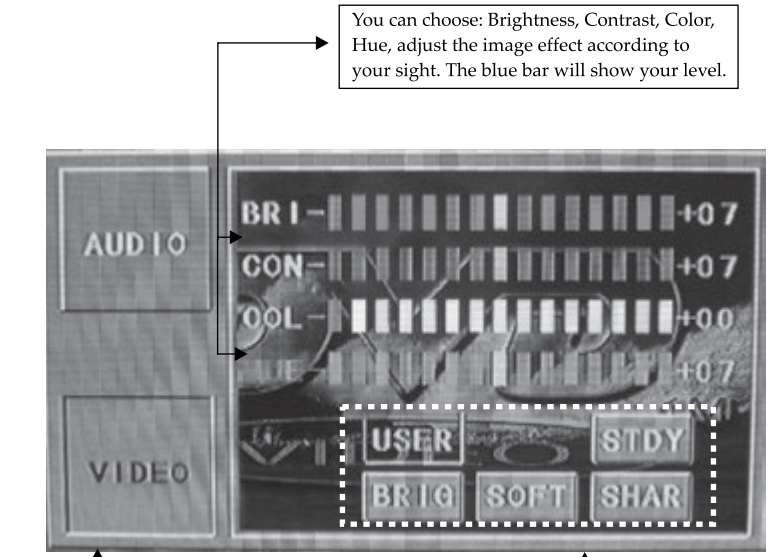
10. Angle switch
If the DVD disc is recorded with multi-angles, you can press the ANGLE button to switch the angle during playing.
The sequence is as follow:
ANGLE 1 → ANGLE 2 → ANGLE 3
Note:
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-angle.
3. If there is a sign on the cover of the DVD disc. The number in the sign means how many angles the disc has.
4. You can not switch the angle when slow playing.

11.Multi-audio
There are different languages of dialogue and audio systems in DVD disc.
If the DVD disc is recorded with multi-audio, you can switch the language of dialogue and the audio systems when playing.
Press the AUDIO button repeatedly to change the language of dialogue.
Note
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-language.
3. If there is a ② sign on the cover of the DVD disc, ② means that it was recorded by multi-language/audio system.
4. In VCD mode, press the AUDIO button to select the L/R or STEREO track.

12.Multi-subtitle
If the DVD disc is recorded with multi-subtitle, you can switch the languages of subtitle.
Press the sub-t button repeatedly to change the language.
Note:
1. It just can be worked by the remote control.
2. It only for the DVD disc which is recorded with multi-Subtitle
3. If there is a sign on the cover of the DVD disc means that it has several subtitle.

13. Title select
In DVD mode, press TITLE button to back to the title menu. Display shows all the titles of the disc. You can select the chapter you want by the cursor, press play button to play the chapter.
Note: It just can be worked by the remote control.

VIDEO SETTING ON TOUCH SCREEN


You can choose: Brightness, Contrast, Color, Hue, adjust the image effect according to your sight. The blue bar will show your level.
AUDIO
VIDEO
BRI
CON
COL
+07
+07
+00
+07
USER
STDY
BRIG
SOFT
SHAR
Video mode: When using this function, the position will be darker on the screen.
Image mode: You can choose the area in the broken line on the panel, standard, defined, soft, according what you need to choose, the blue back light will disappear.

Calibration to re-gain touch

✦ Please follow the below instructions to calibrate when there is no touch or touch is not accurate.

Step 1 : Press the mode button in the unit to switch to DVD mode.

Step 2: Insert a DVD disc, after DVD is loaded, press the stop button " " (as show in picture 1.) in the remote short, the unit will display as show in picture 2.

Picture (1)

Picture (2)

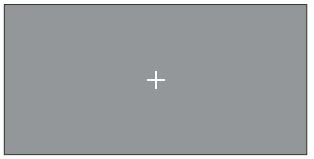
Step 3: Press " ZOOM " in the remote as show in picture (3), the unit will display as show in picture (4)

Picture (3)

Picture (4)

Step 4 : Press" ▲ "button in the remote and then quickly press " ▼ " button and you will enter the touch calibration interface.

Picture (5)



Picture (6)

Step 5: User the touch pen to touch the center of the cross cursor, the cross cursor will move from the center to top left corner, top right corner, right down, left down, when the cross cursor stop at each corner, touch the center of the cursor. Then the panel will display OK and leave the calibration interface and the unit regained touch.

Picture (7)

9.DVD BASIC OPERATION

Slot in DVD disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu can to play.

1. Pause play

In playing mode, press ⏯ button on remote control, or ⏯ touchbutton on display to pause. Press again to back to normal play.

2. Stop play

In playing mode, 1) Press ■/› button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ⏯ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/› button on remote control twice to enter into stop mode, here, press ⏯ button on remote control or touch button on display, unit will play from the first song.

3. Speed forward / backward play

In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous / next song play

In playing mode, press SEEK + / SEEK - on remote control, or ⏭ / ⏮ touch button on display to choose previous/next song.

5. Switch system

In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
Note: This function can only be worked by the remote control.

6. Slow play

Press SLOW button on remote control to slow play. The level of slow playing is as follows. Sequence is :

SLOW 1/2 → SLOW 1/3 → SLOW 1/4 → SLOW 1/5
↑ PLAY ← SLOW 1/7 ← SLOW 1/6 ←

Note: This function can only be worked by the remote control.

7. Zoom in / Zoom out

Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows:

ZOOM IN 2 → ZOOM IN 3 → ZOOM IN 4 → ZOOM IN 1/2
↑ ZOOM IN OFF ← ZOOM IN 1/4 ← ZOOM IN 1/3 ←

Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.